DIVISION OF FOREST PEST CONTROL
U. S. FOREST SERVICE
ASHEVILLE, NORTH CAROLINA

REPORT OF AERIAL DETECTION SURVEY

LAND OWNERSHIP OF SURVEY AREA: Pisgah National Forest, Toecane Ranger District

STATE: North Carolina COUNTY: DATE: 12/11/75

ACREAGE WITHIN SURVEY BOUNDARY: 216,000 PERCENT SURVEY COVERAGE: 50%

AIRCRAFT: Cessna 182 SURVEY CREW: McDowell and Bassett

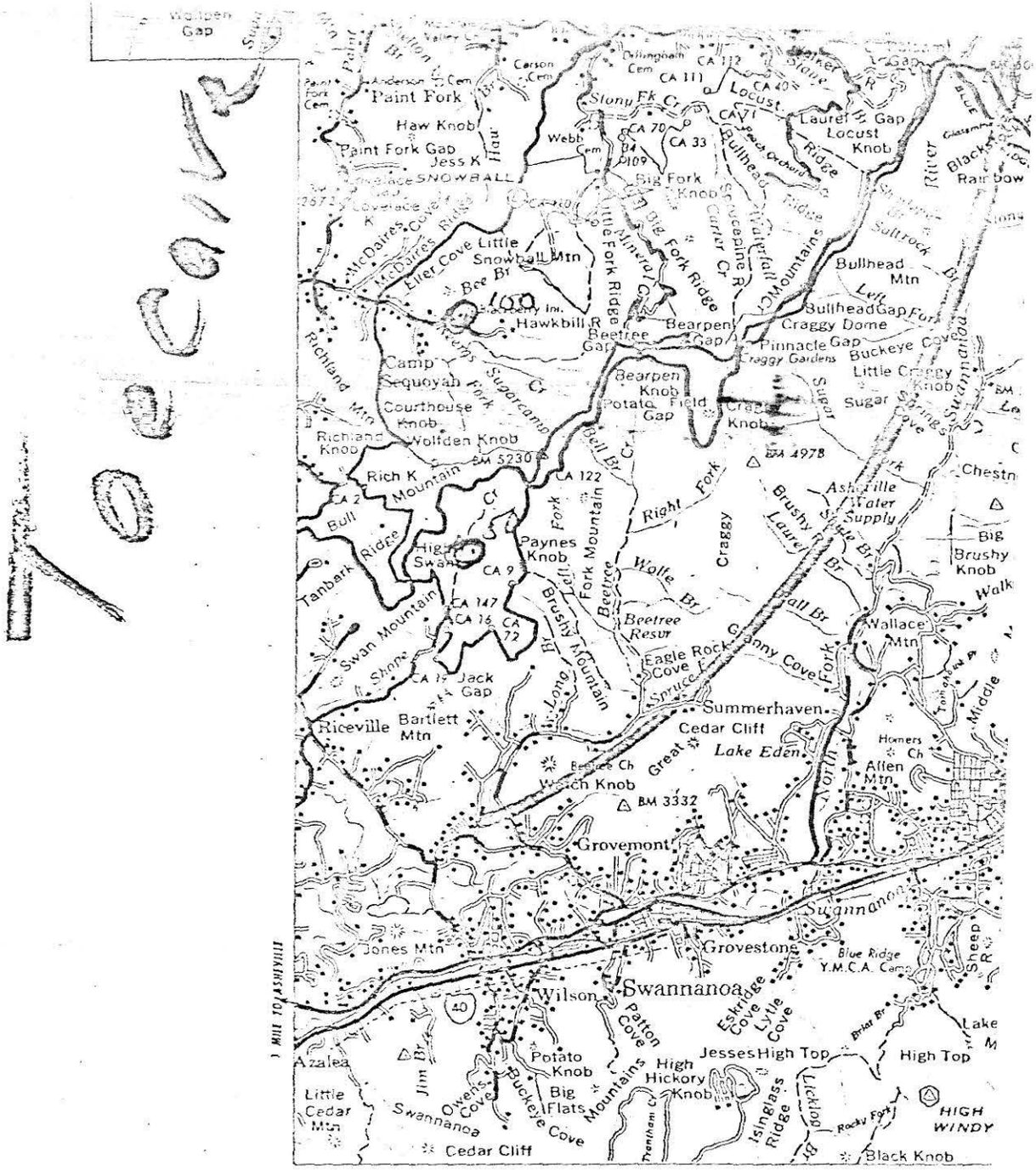
DETECTION SURVEY OBJECTIVES: To determine the level of southern pine beetle infestation, and to detect any other insect or disease problem.

SURVEY RESULTS: Fifteen spots of dead or dying pine trees with a total estimate of 2,450 trees were detected from the air.

The mortality has resulted from attacks by southern pine beetle.

SUMMARY: Most of the spots detected were grouped between the Nolichucky River and Highway 36 directly south of Erwin, Tennessee (see attached). Suppression work is apparently not currently feasible on the District. Therefore, a biological evaluation report will not be written at this time.

For any additional information, Contact:
Zone Supervisor
Forest Pest Management
Southeastern Area, State & Private Forestry
P.O. Box 5895
Asheville, North Carolina 28803



FOREST SERVICE MAP CLASS A

Compiled at Regional Office, Atlanta, Georgia, in 1967 from USFS Planimetric Series Maps. Control by USC&GS, USGS and TVA.

Revised in Regional Office 1972

40′

82°30′

20′

7 MILES TO JOHNSON CITY
Shadtown
Carroll Ch
Marbleton Sch
Laughren Chapel
Buffalo Cr
Little Mountain
BM 2736
Core Br
Oldfield Br
Brummett Hollow
Stone Mtn
Swingle Cem
Jones Chapel
Unicoi
Scioto
Irishman Br
UNAKA WORK CENTER
Cordell Hull
107
Indian
Dry Creek
Whaley Br
North
CLINCHFIELD
36
Ash Hopper Hol
Rock Creek
Nelson Gap
Dark Hollow
Dick Cr
Straight Cr
Bear Trail Ridge
Turkey Trail Ridge
Filtration Plant
LIMESTONE COVE
Rocky Br
Stamping Gro
Dick Creek Gap
Horseback Ridge
Rattlesnake Ridge
Rock Creek Sch
Rock Cr
Erwin
California Cr
Looking Glass Mtn
Prohu
Beauty Spot Gap
Unaka Mtn
Lillydale
Odom Br
Muffin Cr
Riverview
Banner Hill
Johnson Rock Ridge
Beauty Spot
Mountains
MITCHELL
CO
Love Station
Chestoa Sch
Chestoa
Indian Grave Gap
Upper Poplar
Poplar Mountain
Unaka
Shinbone Cr
Hughes
Lower Poplar Sch
Whitson
Ephraim Place
UNICOI
HOLICHUCKY
RIVER
Cane Bottom
Poplar
YANCEY
MITCHELL
Pigeonroost
Pine Knob
Bailey Hughes Christian Ch
Flattop
Peterson
Relief
Huntdale
Sioux
Chestnut Knob
Sugar Loaf Mtn
Big Creek Sch
McHill Gap
Horton Hill
Bent Creek
CANE
Ramseytown Gap
Cooper
Peterson Br
Sumpson
Cox Cr Gap
Clearmont Ch
Clearmont Sch
Play Yard Ridge
Mill Cr
Creek
BM 2508
Unaka Spring
Temple Hill Sch
TEMPLE HILL
Temple R
Mine Br
Indian
Laurel
Gilbert Br
South
Big Ridge
Appalachian
Granny Lewis Br
Watts Br
Spivey Cr
Ravenscliff Sch
Mountaindale Sch
Big Cove
Little Ridge
Farner Ridge
Tumbling Cr
Big Bald Cr
CA 427
CA 430
Little Bald
Hughes Ridge
Holloway Ridge
Roaring Fork
Jim
Lewisburg
Snake Knob
Lottie Cr
Riddle Br
Holiness Ch
Edward Cem
Miller Ch
Phillips Cem
Piney Grove Sch
Bloody Fork
North Cane Cr
Cane
Sumpson Br
Street Trailer
Br
Cr
High
TENNESSEE
NORTH CAROLINA
Mountains
Ridge
Laurel R
Hut Br
Rich
Hill
Locust Grove Ch
Big Pit Br
Big Cr
Left Prong
Beech Cove Br
Shields Br
Douglas Br
Bee Branch Sch
Mountain Br
Old Hill
Pine
Ridge
Big Bald
Farner Ridge
Tumbling Cr
Build Cr
Big Ridge
Little
Mountaindale Sch
Ravenscliff Sch
Big Cove
Spivey Cr
Watts Br
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